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... Every object, be it local or remote, has a field that is a **pointer** to some location-specific data. **...** The handler for the LockRequest event first at- tempts to **lock** the **mutex** without blocking. If this is successful, it will generate a response. **...**
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... 3. When a local free list exhausts, a number of free cells are moved from the global free list. **Mutex-lock** is needed for this operation. 4. For large cells, the global buddy-base is always looked for. 5. alloc puts the **pointer** to the new memory cell in a thread's last-alloc slot. **...**
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... class graph { **lock mutex**; boolean mark; int val, Sum; graph *left; graph *right; }; **...** NULL) spawn(left->parallel_visit (val)) ; if (right != NULL) spawn(right->parallel_visit (val)) ; } else { **mutex**.releaseo **...** the underlying language such as an integer, an array of doubles or a **pointer** to **...**
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... waiting. A call to broad- cast() wakes up all threads waiting on the condition variable. When constructed, a **pointer** to an omni **mutex** must be given. A condition vari- able wait() has an implicit **mutex** unlock() and **lock**() around it. The **...**
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... KEYWORDS: postmortem debugging; memory corruption; debugging production systems; debugging opti- mized systems; false sharing; **lock** detection; feedback **...** has been corrupted, inducing fatal error when the memory stored there (0x23000001) was inter- preted as a **pointer**. **...**
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... **pointer** is set to point to the blocking task. The callback also stores the information about the fact that the task has blocked on the **mutex** (that information will be used later in the unlock callback). A pseudo code of the callback is shown in Figure 5. Please note that the **lock** must **...**
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... al- located in shared memory in a transparent manner: initialized with the index obtained from the server side, a JackShmPtr **pointer** can be **...** 8The programming model is similar to a **lock**-based model where the update code would be written inside a **mutex**-**lock**/**mutex**-unlock pair **...**
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